

From: Mordy Kaplinsky
Sent: Sunday, January 20, 2013 10:21 PM
To: 'Timothy May'
Cc: 'David Siehl'
Subject: A further thought
Tim,

Firstly I wanted to thank you for taking the time to meet and for your insightful questions.

Toward the end of the meeting you raised an interesting question which I answered at the time but upon further reflection during my trip home I realized that I may have missed something.

Your question reflected what the technology would be able to do in the case of an emergency alert being raised on a broadband line utilizing VoIP or some other technology, and my answer was that first you would have to figure out via the backend infrastructure where the IP is located and then we can augment that with more precise positioning within that radius.

While that answer still holds true and it is still the optimal use case, there is another possibility that can either short circuit that requirement which will still be required but will understandably take a while to implement or we can use it to further augment the precise position of the actual Wi-Fi device.

Basically because we now have Wi-Fi capabilities plus our sensor embedded with the wireless access point, we can partner with somebody like Skyhook Wireless who maintains an active database of Wi-Fi hotspots for use in their positioning algorithms and locate the access point used for the 911 trigger to further isolate its position. This is something Skyhook already does with a US carrier (If memory serves right its Sprint although I may be mistaken) to locate their residential femtocell's and provision them to comply with their local licenses and other regional parameters or restrictions.

While this wouldn't be perfect due to the fact that there is no guarantee there will be nearby Wi-Fi access points, the fact is that most dense urban environments where the accuracy needs are greatest have quite a few. This is also reflected in the FCC's current initiative to free up more spectrum for Wi-Fi due to the overabundance of hotspots and the resulting interference issues.

Hope you enjoy your extended weekend and I look forward to continuing this conversation.

Cheers,
Mordy

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Founder & CEO

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